Broker of , 19

PERMIT TO CONSTRUCT

SCANNED

/ <u>X</u> ¾	New				
//	Renewal		Permit No	79-151	
//	Modified				
	Water		censions, North Run me of Facility)	way - Bar-Nunn Ranch Subdivisio	ñ
	Thi	s permit hereby a	uthorizes the appl	icant:	
		American Build		7	
		(Last)	(First)	(Middle)	
		134 S. Kenwood	(Street or P.O	. Box)	
	• • • • • • • • • • • • • • • • • • •	Casper,	Natrona, (County)	Wyoming 82601 (State)	
	onstruct, instal		sheet 1/6 R79W	sheet 2/6; westernly sewers on	
			(Legal Descript	ion)	
in t	he County of	Natrona		, in the State of	
Wyom	ing. This permi	it shall be effect	ive for a period o	f two (2) years	
from	the date of iss	suance of this per	mit not to exceed		A. T.
AUTH	ORIZED BY:	•		REGISSION ON O	911317
	Administr Water Quality		Wyoming Dept	Director of Environmental Quality	
	May 11, 1	1979			
	Date of Iss	suance		•	

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

MR. GARY E. ERVIN 920 S.W. 6TH AVE. PORTLAND, OREGON 97204

mai	leD
4/11	/29
711/	19

/ <u>x</u> /	New		Permit No79-152	
//	Renewal			
//	Modified			
		JIM BRIDGER RUNOFF CONTAIN	MENT FACILITIES	
		(Name of	Facility)	
		This permit hereby authoriz	zes the applicant:	
		PACIFIC POWER & LIGHT (Last)	(First)	(Middle)
		920 S.W. 6TH AVE.	e	
			(Street or P.O. Box)	
		PORTLAND, OREGON	97204	
		(City)	(County)	(State)
to c	construct,	install, or modify a	RUNOFF CONTAINMENT	
		ated in SEC. 3 T20N	R101W	
			(Legal Description)	
in t	the County	of <u>SWEETWATER</u>	•	, in the State of
Wyom	ning. Thi	is permit shall be effective	e for a period of $\frac{2}{}$	years
from	n the date	e of issuance of this permin	t not to exceed five (5)	years.
AUTH	HORIZED BY	/:		ROJOS (S)
U.). Olac Ac	Iministrator Quality Division	Paverite Dus Direct	division mental Quality
<u></u>	APRIL 3	3, 1979. e of Issuance	Myoming Dept. Of Li	

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

	,			
/X/ New	• .	Permit No	79-153R	
// Renewal		,		
				·
/ Modified				et :
	BEAR CREEK URANI	UM TAILINGS EXPAN	SION	
		of Facility)		
This	permit hereby autho	orizes the applica	ant:	4
	Bear Creek Urani	um Company		
	(Last)	(Firs	t) (Middle)
	P.O. Box 2654	(Street or P.() Box)	
•		(,	
	Casper, WY 8260	l		
•	(City)	(County)		(State)
to construct, inst	tall, or modify a \underline{u}	ranium tailings d	am	
facility located i	n Sections 9			
		(Legal Descri	iption)	
	2	·		·
in the County of _	Conve	rse -	, in th	e State of
Wyoming. This per	mit shall be effect	ive for a period	oftwo (2)	years
from the date of i	ssuance of this per	mit not to exceed	d five (5) years	. PROFESSIO
				SO E. S.
	PROFESSION	No.		150 NO.
AUTHORIZED BY:				≃ ([™] 285
. 0			81	OF WYO'
200 in 1	WILLIAM L. GARLANE	III Love	M. Duro	2 F OF WYO'S
Adminis Water Qualit	trator 12. # 1479	Myomina	Director	antal 00-1-+
water Yuarri		wyolining be	ept. of Environmo	antai Yuailt,
June 7, 1	979	·		
Date of I				

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

But led -19 may-12

PERMIT TO CONSTRUCT

/ <u>xx</u> /	New			•
//	Renewal		Permit No. 79-	154
//	Modified			
			er Company of Facility)	<u>.</u>
	Th	is permit hereby auth	norizes the applican	t:
		Spiva Backhoe	(Fivet)	(Middle)
		(Last)	(First)	(Middle)
	,	P. 0. Box 122	(Street or P.O. Bo	x)
		Mills (City)	Natrona (County)	Wyoming 82601 (State)
to c	onstruct, insta	ll, or modify a <u>Co</u>	mmercial Subsurface !	Disposal
	lity located in			· · · · · · · · · · · · · · · · · · ·
7461	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(Legal Description)	
in t	he County of	Natrona		, in the State of
Wyom	ing. This perm	it shall be effective	e for a period of	2 years
from	the date of is	suance of this permit	t not to exceed five	(5) years. (5)
AUTH	ORIZED BY:			ON OBST
W	Administ Water Quality		Lobert 6 Wyoming Dept. of	Director Environmental Quality
	April 4, 1979 Date of Is	suance		·

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

//	New		Permit No	79-155
//	Renewal			
/ <u>X</u> /	Modified			
			. T	#
		Dry Creek Wastewater (Name of	Facility)	ies
	This	permit hereby author	izes the applicant	:
	·	Board of Public Util		
		(Last)	(First)	(Middle)
	÷	2100 Pioneer		
			(Street or P.O. I	Box)
		Cheyenne	Laramie	Wyoming 82001
		(City)	(County)	(State)
		itall, or modify a inSec. 6, T	municipal mechanic	al treatment
,,,,,	y		(Legal Descript	ion)
in t	the County of	Laramie		, in the State of
Wyom	ning. This pe	ermit shall be effecti	ve for a period of	two years
from	the date of	issuance of this perm	it not to exceed f	ive (5) years.
AUTH	ORIZED BY:			MEGLESSIONAL E. SCIENCE E. SCIENC
Ce'	Admini Water Quali	strator ty Diwision	Gobern & Wyoming Dept.	Director of Environmental Quality
P	April 13, 1979)		

Date of Issuance

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

// New 79_156	
——. 70_156	
// Renewal Permit No 79-156	
/ <u>X</u> / Modified	
Albert Urbigkit	
(Name of Facility)	**
This permit hereby authorizes the applicant:	
Urbigkit, Albert	
(Last) (First) (Middle))
2261 W. 41st St.	
(Street or P.O. Box)	
Casper Natrona Wyoming 8	82601
(City) (County) (State)	
to construct, install, or modify asubsurface disposal (commercial)	
facility located in Sec. 29, T.34N., R.79 (Legal Description)	
(Legal Description)	
in the County of <u>Natrona</u> , in the State	of ·
Wyoming. This permit shall be effective for a period of two y	years .
from the date of issuance of this permit not to exceed five (5) years.	PRO
AUTHORIZED BY:	REG/S/
10 1.00 2 Dobert & Sundin	* C.S.
Administrator Director Water Quality Division Wyoming Dept. of Environmental	Oua T
Water Quality Divasion Wyoming Dept. of Environmental	Quality
April 13, 1979	

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

A-6-11-79

PERMIT TO CONSTRUCT

/ <u>X</u>	_/ New				•	•			
/_	/ Renewal			,	Permit No	7:	9-157R		
/				•					
	2.0	BJ-Hug	hes Inc.		,	,			
	· . -		(Na	ime of 1	acility)		,	-	
		This per	rmit hereby a	uthori	es the app	licant:			
	, J	В	J-Hughes, Inc						
	. -	(1 Si 1	last) uite 414 776 Lincoln S	t.	(First)		(Midd	le)	
				(St	reet or P.(). Box)			
		•	enver,	· 			. co 8	0203	•
		. ((City)	· · · · · · · · · · · · · · · · · · ·	(County)	-	(Stat	e)	
. to	construct, i	nstall, or	modify a	small s	ubsurface d	isposal	*		
fac	cility located	d in	Sec. 27, T349	, R80W					
		;		(Leg	al Descript	ion)			
in	the County of	 	Natrona			, i	in the Stat	te of	
) Wyo	oming. This p	ermit sha	ll be effect	ive for	a period o	if t	two (2)	years	
fro Note: C	om the date of onstruction a HORIZED BY:	issuance	of this per	mit not	to overed	fivo /F	5) years.	08 NO. 285	ONE CONDIN
·	Dollar J Admin Water Qual	istrator ity Divis	P.E. # 1479	AND	yoming Dept	Dir . of En	rector vironmenta	1 Quality	MING
	Date of	Issuance			~				

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit $\underline{\text{does not}}$ supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY DIVISION State Office Building Chevenne, Wyoming 82002

PROJECT:

BJ-HUGHES, Inc.

Casper, Wyoming

BJ-HUGHES, Inc.

Suite 414, 1776 Lincoln St.

Denver, Colorado 80203

ARCHITECT OR ENGINEER:

H.S. Adnan, P.E.

888 So. Lipan Street, Denver, Colorado 80223

WATER QUALITY DIVISION REFERENCE NUMBER:

REVIEWING ENGINEER:

LeRoy C. Feusner,

DATE OF REVIEW:

April 19, 1979

ACTION: CONSTRUCTION NOT AUTHORIZED

COMMENTS:

- Recommend sewer cleanout capability inside shop building where line makes right angle towards septic tanks.
- 2. What is relationship of proposed sewer lines with any existing drinking water lines? Show typical detail of any crossovers.
- Show plumbing hookup of drywell from vehicle/equipment washrock. Oil/grease separator is required between washrock and drywell. Additional drywells must be connected to an oil/grease separator; therefore, recommend appropriately sized unit for increased flows.

/X/ New		Permit No. 79-158	···
// Renewal			
// Modified	· · · · · · · · · · · · · · · · · · ·		
		•	•
·	NEIMAN'S FIRST ADDITI		
	(Name of	Facility)	
This	permit hereby authori	zes the applicant:	
	· · · · · · · · · · · · · · · · · · ·		
	Neiman	Jim	(11.11.)
	(Last) c/o Robert Hartley	(First)	(Middle)
	*	. o. n 727	
,	Plains Engineering, F		
	•	(Street or P.O. Box)	
	Newcastle, WY 82701	•	•
	<u> </u>	(6- +-)	75
•	(Ci ty)	(County)	(State)
facility located	in Section 7, T.	.54N., R.64W. (Legal Description)	
in the County of	Crook		in the State of
Wyoming. This pe	rmit shall be effectiv	e for a period of two (2	years
	•	t not to exceed five (5)	
Trong cite date of	issuance of this permit	t not to exceed five (5)	years.
		··	E S
AUTHORIZED BY:		• .	NO.
7107.10711225 511			285 September 1
, (100	$A) \in V$	
10000 m	(V Oa D	tobers Su	indi TE OF WYON
	strator	Direct	or
Water Quali	ty Di V ision	Wyoming Dept. of Env	vironmental Quality
May 17,			
Date of	Issuance		

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

M702,19

PERMIT TO CONSTRUCT

$\frac{1}{\sqrt{x}}$ New		Permit No	79–159R	
// Renewal				
// Modified			•	
	COUNTRY CLUE 1	VILLAGES WATER AND SEWER		
_	·	ame of Facility)	<u> </u>	
Th	is permit hereby a	authorizes the applican	t:	
	RAY BICKEL, EN	MPIRE LAND AND DEVELOPME	INT	
	(Last)	(First)		(Middle)
	P.O.BOX 1175	•		•
-		(Street or P.O.	Box)	
	RIVERTON,	WYOMING		82501
	(City)	(County)		(State)
	d in <u>SEC. 31, 1</u>	aSEWAGE COLLECTION A F1N, R.4E (Legal Descript		
in the County o	f <u>FREMONT</u>	·	, in th	he State of
Wyoming. This	permit shall be ef	fective for a period of	f 2	years
from the date o	f issuance of this	permit not to exceed f	five (5) years	PROFESSIONAL E. C.
AUTHORIZED BY:			DEGGE	NO. 285
	nistrator lity Division	Lobert Wyoming Dept	6, Surdin Director	nental Quality
	0 1070	·		. •

MAY 10, 1979.

Date of Issuance

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

REVIEW OF SMALL WASTEWATER FACILITY PLANS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 Main St., Lander, Wyoming, 82520 (304) 332-3144

PROJECT:

OWNER/APPLICANT:

COUNTRY CLUB VILLAGES WATER & SEWER

RAY BICKEL, P.O. BOX 175, RIVERTON, WYO. 82501

ADDRESS:

DONALD FRASER

WIND RIVER ENGINEERS

2333 ROSE LANE - RIVERTON, WYO, 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 79-159

REVIEWING ENGINEER:

RICK ENGELMANN

DATE OF REVIEW:

APRIL 20, 1979

ACTION:

NOT AUTHORIZED.

COMMENTS:

- Specifications for pipe casing have been included. ——.
 Where are these going? mg?
- 2. Johns-Manville recommends larger casing pipe than you have specified (p:02230-1). They recommend 12" casing for 6" pipe, 16" for 8", 18" for 10", etc.
- Please provide the following:
 - A detail showing the proposed cradles for the carrier pipe.
 - b. Construction Std. 16, which is called out on P. 15063-2. Where are the air-vacuum valves being used?
 - c. Specifications for valve and hydrant installation.

J.B. CREWS
P.O. BOX 1293
RIVERTON, WYO. 82501

/_/ New .		Permit No79-10	60
·		(MODIFICATION TO I	PERMIT NO. 78-551RR)
// Renewal	~		
/x/ Modified			•
	CLIFF VIEW M	OBILE HOME PARK	
	(Name of	Facility)	
This	permit hereby author	izes the applicant:	
	DICKINSON	ALBERT	JR.
	(Last)	(First)	(Middle)
	RT. #1, BOX	· 555	
•	RL. #1, BOX	(Street or P.O. Box	()
	-		
	RIVERTON,	WYO.	82501
	(City)	(County)	(State)
to construct, in	stall, or modify a	WATER DISTRIBUTION	
	in <u>SEC. 35, T.1N, I</u>		<u>, , , , , , , , , , , , , , , , , , , </u>
, a c , i i e guandi e e	* * * * * * * * * * * * * * * * * * *	(Legal Description	1)
		<u>.</u>	, in the State of
in the County of			
	ermit shall be effecti		2 years
from the date of	issuance of this perm	nit not to exceed five	(5) years.
***			E (5) years. VROFESS// ON O. 285
NUTUONIZED DV.			78187 1987 1987 1987
AUTHORIZED BY:			285
	Ω		
a Delian	L Jala D	poverio.	Director ATE OF HYD
	istrator ity Division		of Environmental Qualit
APRIL 13, 1			
Date of	Issuance		

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

/ <u>*</u> /	New			
//	Renewal		Permit No. 79	9-161
//	Modified			
		Amoco Pipeline Co. C		·
		(Na	me of Facility)	
	Т	his permit hereby a	uthorizes the applicar	nt:
		Amoco Pipeline		
		(Last)	(First)	(Middle)
•		P.O. Box 1209		
			(Street or P.O. Bo	ox)
		Mills	Natrona	Wyoming 82644
		(City)	(County)	(State)
to c	onstruct, inst	tall, or modify a	commercial subsurface	disposal
faci	lity located :	inSec. 6, T.33N.,	R.79W.	
iaci	inty rocated		(Legal Description	
in t	the County of	Natrona		_, in the State of
			ive for a period of _	two years
from	the date of	issuance of this per	mit not to exceed five	e (5) years. (5) E. S
		·		B (5) years. REG NO. ON NO.
AUTH	HORIZED BY:			1 285 ×
	- (100	4) 6	/*
(2)	Dollan t	Jala Q	Soverbo.	Sunder STE DE HYOMIN
	Admini: Water Quali	strator tv Diwision	Wyoming Dept. o	f Environmental Quality
	water daari	<i>ag - 5 1</i> 1 4 5 7 7 11		
	April 13, 1	979		-
	Date of	Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit $\underline{\text{does not}}$ supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

/ <u>_X</u> /	New				
/ <u>_</u> /	Renewal		Permit No	79-162	
<i></i> /	Modified				
, 			ent Company Building	· .	
		((Name of Facility)		
	Th	is permit hereby	y authorizes the applic	ant:	
		Hicks,	Linden		
		(Last)	(First)	(Middle)	
	·	P.O. Box 336	(6)		
			(Street or P.O.		
		Mills	Natrona -	Wyoming 826	44
		(City)	(County)	(State)	
		11, or modify a			
faci	lity located in	Sec. 28,	T.34N., R.80W.		
1401	7725 100000		(Legal Descriptio	n)	
in t	he County of	Natrona	· .	, in the State o	f
Wyom	ning. This perm	nit shall be eff	ective for a period of	two ye	SROFESSIO
from	n the date of is	suance of this	permit not to exceed fi	ve (5) years.	₹ E. S
				REGISY ROES	, No.
AUIT	IORIZED BY:				285
	, , , ,		\mathcal{L}		
(J. Olan J.	Youland	Sobert 6, 9	Director	E OF MAON
	Administ Water Quality		Wyoming Dept.	of Environmental Q	uality
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•			•
	April 13, 197	'9	_		
	Date of Is	ssuance			

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

Mailed 5-3-79

PERMIT TO CONSTRUCT

// New			
/-/ Renewal	· I	Permit No	79-163
$\frac{1}{\sqrt{X}}$ Modifie			
	Sewer Improvements	for Casper - BPU	·
	(Na	me of Facility)	
•	This permit hereby a	uthorizes the applicant	:
	Casper Board (of Public Utilities	
• •	(Last)	(First)	(Middle)
ب	200 N. David		
		(Street or P.O. Box)
	Casper	Natrona	Wyoming 82601
	(City)	(County)	(State)
to construct	, install, or modify a	municipal collection sy	stem
C	ated inSec. 1, 2, 16	& 17, T33N, R79W	
tacility loc	ated III	(Legal Description)	-
in the Count	y ofNatrona	,	in the State of
Wyoming. Th	is permit shall be effect	ive for a period of	two years
from the dat	e of issuance of this per	mit not to exceed five	(5) years. (5) (5)
AUTHORIZED B	Y:		Sign No.
			285
, , , , ,		$\mathcal{L}_{\mathcal{L}}$	
Whillow	I day a day	pour b, +	Girector
	Quality Division	Wyoming Dept. of	Environmental Quality
	•		
	May 2, 1979		
n _{a+}	e of Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

**Change Specifications Statement to: All work to be in conformance with the 1978 Standards and Specifications of the Casper Board of Public Utilities, as amended by DEQ letter, May 4, 1978.

١

cc: Robert Olson 331 Main Lander, WY 82520

PERMIT TO CONSTRUCT

737	-	7	() \	
=	8-1	7		19

/ <u>x</u> /	New		Permit No. 79-164RR	
	Renewal			
//	Modified			
			MAD AND ADDITION DIDO	
		DELOZIER BROS. WAREHO (Name	of Facility)	
	Th	is permit hereby auth	orizes the applicant:	
		DeLozier	Harold	. L .
		(Last)	(First)	(Middle)
	-	P. O. Box 10	29	·
			(Street or P.O. Box)	
		<u>Lander</u> (City)	WY (County)	82520 (State)
		(CITY)	(Councy)	(State)
to o	construct, i	nstall, or modify a _	septic tank - leach field	
fac	ility locate	d in <u>Sec. 20, T. 33</u> N	, R. 99W	·
			(Legal Description)	
in	the County o	f FREMONT		, in the State of
Wyoi	ming. This	permit shall be effec	tive for a period of <u>TWO</u>	years .
froi	m the date o	f issuance of this pe	rmit not to exceed five (5) years. PROFESSION
		0122230		ROS NO.
AUT	HORIZED BY:	PROFESSION,		285
		WILLIAM L. GARLAN	Robert & S.	OF WYOM!
<u> </u>	D. Decou	Q		**************************************
•	Water Qua	nistrator ality Pivision OF WYO	Wyoming Dept. of E	nvironmental Quality
	August 13,			
		of Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING, 82520.

(307) 332-3144

PROJECT:

DeLOZIER BROTHERS SEPTIC TANK - DRAINFIELD SYSTEM

ENGINEER:

ROBERT A. OLSON

331 MAIN STREET LANDER, WY 82520

OWNER:

DeLozier Bros., Inc.

P. O. Box 1029 Lander, Wy 82520

WATER QUALITY DIVISION REFERENCE NUMBER: 79-164R

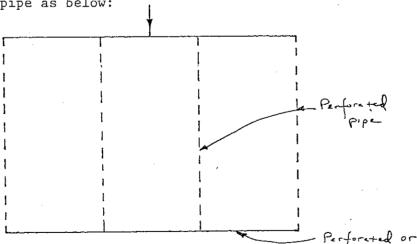
REVIEWING ENGINEER: Rick Engelmann

DATE OF REVIEW: July 31, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

1. The ends of the leach lines must be tied together with a perforated or solid pipe as below:



Once we receive the revised drawings, we will start the permit on its way.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING 82520

PROJECT:

DELOZIER BROTHERS SEPTIC TANK-DRAINFIELD SYSTEM

OWNER:

DELOZIER BROS. INC.

P.O. BOX 1029

LANDER, WYO. 82520.

ARCHITECT OR ENGINEER:

ROBERT A. OLSON

331 MAIN STREET

LANDER, WYO. 82520

WATER QUALITY DIVISION REFERENCE NUMBER:

79-164

REVIEWING ENGINEER:

RICK ENGELMANN

DATE OF REVIEW:

APRIL 19, 1979

ACTION:

NOT AUTHORIZED

COMMENTS:

1. There seems to be some misconception as to how disposal area is calculated. This is not calculated from the outer dimensions of the field. Disposal area is the total area of trench bottoms in the field, i.e.:-

Disposal Area =-(lineal-feetrof perforated pipe) =x:(trench=width) ===

- 2. Courcregulations call for a minimum of 6 feet between disposal field trench laterals, and 6 feet between lateral pipes of no other words, if you are using 2 foot trenches, the pipe laterals can be spaced no closer than 8 feet.
- 3. We will need the following information:
 - Estimated wastewater flow rate and a small explanation of its basis.
 - b. Written spec.s for the pipe, septic tank, and installation procedures. If need be, these could be pulled directly from our reg.s. See enclosed.
 - c. The drainfield trench widths and depths of pipe bury.
 - d. The drawing signed by Mr. Olson.

NOTE: Maximum permitted sewage application rate (gallons per sq. foot per day) to the disposal field is:

Applic. Rate =
$$\frac{5}{\sqrt{t}}$$

where

t = percolation rate = 53 min. per inch.

For your site, the application rate is about 0.7 gallons per sq. foot per day.

Books M-5-2779

PERMIT TO CONSTRUCT

/ <u>\\\</u> /	New			_		
//	Renewal		Permit No	79-165		
<i></i> /	Modified					
		Amoco Oil Company,	Casper Refinery			
•			(Name of Facility)	., <u>-</u>		
		This permit hereby	y authorizes the appl	licant:	•	
		Amoco Oil_	Company			<u> </u>
			(First) rin D. Lefevre owstone Highway		(Middle)	
			(Street or P.O). Box)		
•		Casper,	Natrona,	· · · · · · · · · · · · · · · · · · ·	WY 82601	
		(City)	(County)	<i>></i>	(State)	
to c	onstruct, i	nstall, or modify a	subsurface dispos	al	· · · · · · · · · · · · · · · · · · ·	· ·
		d in <u>Sec. 8, T3</u> ,		-		
7401	, , og 1.000.00		(Legal Descript	tion)		
in t	he County o	f Natrona	·	, in t	he State of	
Wyom	ning. This	permit shall be eff	ective for a period (of two (2)year	PROFESSION
from	the date o	f issuance of this	permit not to exceed	five (5) y		RT E. S
AUTH	ORIZED BY:				£6/8	NO.
<i>L</i> 00	00.	Q () a o	Lover	ESun	الهدا	285 ATE OF WYOW
		nistrator lity Division	Wyoming Dep	Direct t. of Envir	or ,	- -
	May 2	21, 1979				
	Date n	f Issuance				

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit $\frac{\text{does not}}{\text{County Health Department}}$ for obtaining a Septic Tank Permit from Natrona County Health Department.

Book Mailed 5-3-79

PERMIT TO CONSTRUCT

/ <u>X</u> X	New _			
.//	Renewal.		Permit No. 79	9-166
//	Modified			
	•	Trails West Estate		<u> </u>
		(Name	of Facility)	
	Th	iis permit hereby aut	horizes the applicant:	:
		Larry Redding		
		(Last) RADIX, Inc.	(First)	(Middle)
•		350 West "A" Stree	t, Suite 205 (Street or P.O. Box	<u> </u>
		Cacnon	Natrona	
		Casper, (City)	(County)	Wyoming 82601 (State)
to co	onstruct, insta	all, or modify a pub	lic water supply distr	ribution & collection system
		Sec. 15-22, T33		
1401	,, 6, , , , , , , , , , , , , , , , , ,		(Legal Description)	
in t	he County of _	Natrona	>	in the State of
Wyom:	ing. This perm	nit shall be effectiv	e for a period of	two years
from	the date of is	ssuance of this permi	t not to exceed five	(5) years. (5) TE. S.
ΔΙΙΤΗ(ORIZED BY:		•	ROBS ON CONTROLS
710117	01(1222 2)			285
	0		All S	Sundin CF WYCHING
W	Administ	trator	pour p, a	irector
	Water Quality	y D∜yision	Wyoming Dept. of	Environmental Quality
	May 2, 19	9 7 9		
	Date of I	ssuance		Α.

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

<u>/XX</u> / New		·	
// Renewal		Permit No. 79-	167 .
/ Modified	.		
,	The Engineers Office	e Bldg. me of Facility)	
	This permit hereby a	uthorizes the applican	t:
	McDill, (Last)	T. (First)	P. (Middle)
	6405 Indian Sco	out Dr. (Street or P.O. Bo	x)
	Casper (City)	Natrona (County)	Wyoming 82601 (State)
to construct.	install, or modify a	subsurface disposal	
	ted inSec. 22, T.301		·
in the County	of Natrona		, in the State of
	s permit shall be effect		
	of issuance of this per		5055897
AUTHORIZED BY			REGISSION ON THE STATE OF THE S
<u>Ulolia</u>	ministrator Juality Division	Govern E. S. Wyoming Dept. of	Director F Environmental Quality
	3, 1979		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit $\underline{\text{does not}}$ supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

R.L. JACOBSON P.O. BOX 1539 CODY, WY 82414

mailede
40 5-79
5 ()

/ <u>X</u> _/	New		Pern	iit No	79–168		
//	Renewal						
//	Modified ,	•					
		SEWAGE DISPOSAL S	SYSTEM - A	MERICAN COI	LLOID		
		(Name	of Facili	ty)			
	This	permit hereby auth	horizes th	e applican	nt:		•
		AMERICAN COLLOID					
		(Last)		(First)		(Midd	le)
		E. OF LOVELL					
	•		(Stre	et or P.O.	Box)		
		LOVELL	WY	8	82431		
		(City)		(County)		(Sta	ate)
to c	onstruct, ins	tall, or modify a	SEWAGE	DISPOSAL		-	
	lity located	· -	.56N	R95W			
			(Leg	al Descrip	tion)		
in t	he County of	BIG HORN				in the Sta	ate of
		rmit shall be effec	ctive for	a period o	f	2	_years
from	the date of	issuance of this pe	ermit not	to exceed	five (5)	years.	OFESSION ST
		•-					TE.
AUTH	ORIZED BY:				•	REGIS, ROB	NO.
				<u>م</u>	. 1	14	285
t o	0.00	? (20,000	For	veri 6.	Dren	di ME	OF WYCHING
	Admini Water Quali	strator ty Division	W	yoming Dep	Direct t. of Env		Quality
MAY	1, 1979.	. •					-
	Date of	Issuance					

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

/ <u>X</u> / New		Permit No. 79-169RF	2
/ / Renewal		Ref. No. 78-	-712
/ / Modified		· · · · · ·	
// modified			
	TABLE ROCK PROCES	SING PLANT	
		Facility)	
This	permit hereby authoriz	es the applicant:	
	COLORADO INTERSTA		
	(Last)	(First)	(Middle)
	P.O. BOX 1087	,	
		(Street or P.O. Box)	
	COLORADO SPRINGS,	COLORADO	80944
	(City)	(County)	(State)
	ATTN: R. M. Scott, P.I		
to construct, inst	all, or modify aeva	aporation pond system	
facility located i	n <u>Sec. 12, T. 19N, </u>	R. 98W -	
		(Legal Description)	
in the County of	Sweetwater	,	in the State of
Wyoming. This per	mit shall be effective	for a period oftwo	
from the date of i	ssuance of this permit	not to exceed five (5)	years. PROFESSIO
-	PROFESS/ONA	•	RO.
AUTHORIZED BY:			285
• 0/	WILLIAM L. GARLAND	Ω $\epsilon \Omega$	OF WYOM
(D). Dias - 2	PE# 1479	Lover 6 Sur	nden OF WYOU
Adminis	the	Directo	
Water Qualit	y DE WYON	Wyoming Dept. of Env	ronmental Quality
August 10			
Date of I			

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."



June 28th, 1979

Re: Proposed Evaporation Pond At CIG's Table Rock Processing Plant

Mr. David W. Hill, Environmental Engineer Wyoming Department of Environmental Quality Water Quality Division 933 Main Street Lander, Wyoming 82520



In confirmation of our phone conversation yesterday, I am asking you to hold up the permitting process for the above-mentioned pond until you and I and the contractor designing the pond have a chance to meet; we want to discuss design parameters pertinant to the permit, and decide on an appropriate plan. Geotek, Inc., is currently testing soil taken from the proposed site, and plans to arrive at an estimate of how much clay/soil mix will result in a specified amount of perculation. The report should be valuable in our discussion, so I would like to hold our meeting after receiving the report. I will call you when we can set up a date.

Yours truly,

Ruth M. Scott

Ruth M. Scott Codes & Standards Engineer

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING 82520

PROJECT: Table Rock Processing Plant Sec. 23, T. 19 N., R. 98 W. Sweetwater County

ARCHITECT OR ENGINEER: R.M. Scott, P.E.,

Colorado Interstate Gas Company P.O. Box 1087, Colorado Springs,

Colorado 86944

WATER QUALITY DIVISION REFERENCE NUMBER: 79-169 Cross Ref. 78-712

REVIEWING ENGINEER: David W. Hill

DATE OF REVIEW: May 29, 1979

ACTION: Not Authorized

COMMENTS:

1) The permeability tests indicate that on-site soils will not be suitable. A clay or bentonite liner, synthetic liner, or suitable combination is needed. Please keep in mind that the clay or bentonite liner must be kept wet to perform satisfactory. A water depth of much more than nine inches will be needed. A three foot freeboard will also be required.

As we discussed by phone, a combination of scarified-recompacted existing soils followed on top by a 1-2 foot clay barrier should be satisfactory. The use of a clay barrier on the bottom and an artificial lining on the side slopes would also be satisfactory as long as a proper connection between the two lining methods can be accomplished.

Whichever lining method is used, we need complete detailed plans and specifications of the material, installation procedures, operation procedures etc.

/ <u>x</u> / New		Permit No. 79-170	
// Renewal			· · ·
// Modified		•	
	RAWHIDE MINE RE	SERVOIR #1	
	(Name of	Facility)	,
This	s permit hereby authoriz	zes the applicant:	
	The Carter Mini	ng Company	
	(Last)	(First)	(Middle)
	P.O. Box 209	-	
	1.0. BOX 209	(Street or P.O. Box)	
		,	
ï	Gillette	Campbell	Wyoming 82716
	(City)	(County)	(State)
to construct, ins	stall, or modify a sedio		
	in Section 12, T.5		
		1N., R.72W	
facility located	in Section 12, T.5	1N., R.72W	_, in the State of
facility located	in Section 12, T.5	1N., R.72W. (Legal Description)	_, in the State of
facility located in the County of Wyoming. This pe	in Section 12, T.5	IN., R.72W. (Legal Description) e for a period oftw	_, in the State of
facility located in the County of Wyoming. This pe from the date of	in Section 12, T.5 Campbell ermit shall be effective	IN., R.72W. (Legal Description) e for a period oftw	_, in the State of (2) years 5) years. PROFESSION NO. 285
facility located in the County of Wyoming. This pe from the date of AUTHORIZED BY:	Campbell ermit shall be effective issuance of this permit	(Legal Description) e for a period oftwo. not to exceed five (_, in the State of (2) years 5) years. PROFESSION NO. 285
facility located in the County of Wyoming. This pe from the date of AUTHORIZED BY: Admini	Campbell ermit shall be effective issuance of this permit	IN., R.72W. (Legal Description) e for a period oftw not to exceed five (ARLAN	_, in the State of (2) years 5) years. PROFESSION NO. 5

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

/X/ New		Permit No. 79-171	·
// Renewal		`	
// Modified	,		•
	RAWHIDE MINE	RESERVOIR #2	
	(Name o	f Facility)	
This p	permit hereby autho	rizes the applicant:	
•	The Carter Mi	ining Company	•
	(Last)	(First)	(Middle)
	P.O. Box 209	•	
_		(Street or P.O. Box)	
	Gillette	Campbell	Wyoming 82716
	(City)	(County)	(State)
facility located in	Sections 14 a	and 15, T.51N., R.72W.	
		(Legal Description)	
in the County of	Campbell	(Legal Description)	_, in the State of
•		(Legal Description) ive for a period oftv	
Wyoming. This perm	it shall be effect		years 5) years. PROFESSION
Wyoming. This perm	suance of this period RAUFESS/GNA/	ive for a period oftv	years 5) years. \$\frac{1}{2} \text{PROFESSION}
Wyoming. This perm	WILLIAM L. GARLAND	ive for a period oftv mit not to exceed five (years 5) years. 70 (2) 90 (

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

/ <u>x</u> / New		Permit No	79-172	
// Renewal			-	
/ / Modified				
	Ne	•		
		Water Line Improve	ment	
	· ·	Facility)		
Th	is permit hereby author	izes the applicant	:	
	Town of Sundance			
•	(Last)	(First)	(M	iddle)
	Town Hall	0	Row)	
		(Street or P.O.	BOX)	
	Sundance	Crook	Wyomin	ıg 82729
	(Ci ty)	(County)		(State)
	istall, or modify a	1	· ·	~
in the County of	- Crook		, in the	State of
Wyoming. This p	permit shall be effecti	ve for a period of	_two (2)	years
from the date of	f issuance of this perm	it not to exceed f	ive (5) years.	PROFESSION
cc: Ralph Good	son, Bearlodge Engineer			THE STATE
Box 125, S AUTHORIZED BY:	undance, WY 82729		REGA	NO. NO.
,			- / ×	285
William Admir	Jola 2	Lover	Director	OF WYOMING
water qual	ity Division	wyoming Dept.	of Environmen	ral Quality
	, 1979		•	
Date of	Issuance			

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

/ <u>_x</u> /	New		Permit No. 79-17	3
//	Renewal			
//	Modified	~		
		CENTENNIAL SUBDIVI	SION - MOORCROFT	
			Facility)	
	This	permit hereby author	izes the applicant:	
		Ellison	Claude	
	•	(Last) c/o Bearlodge Engi	(First)	(Middle)
		Box 125	-	
	•		(Street or P.O. Box)	
		Sundance	Crook	Wyoming 82729
		(City)	(County-)	(State)
to c	onstruct, inst	all or modify a wa	ter distribution and s	ewage collection
		n Section		
1401	inty focuted i		(Legal Description)	
		Cranic Ir		
in t	he County of _	Crook		, in the State of
Wyom	ing. This per	mit shall be effectiv	e for a period of <u>tr</u>	wo (2) years
from	the date of i	ssuance of this permi	t not to exceed five ((5) years. PROFESO/O
				AND E. S.
AUTH(ORIZED BY:			ROS NO.
	0			285
129	.00ia	Jala Q	Loveric &	Rendie TT OF WYOMING
<u> </u>	Adminis Water Qualit			rector
	water quarit	y	wyoming bept. of	Environmental Quality
	May 21	, 1979		
	Date of I	ssuance		

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements.".

ATTN: GEORGE DALE CRANK, P.E. JOHNSON-FERMELIA & CRANK, INC. P.O. BOX 631 KEMMERER, WYO. 83101

m to f 5-3-79

PERMIT TO CONSTRUCT

/_x/ New	Permit No. 79-174	
// Renewal	(Cross Ref. 76-332R	
// Modified		
	PUMP STATION & OUTFALL SEWER	•
·	(Name of Facility)	
This	permit hereby authorizes the applicant:	
	CITY OF ROCK SPRINGS	
	(Last) (First)	(Middle)
	P.O. BOX 1030	
•	(Street or P.O. Box)	
•	ROCK SPRINGS, WYO. 83101	
	(City) (County)	(State)
	n SEC. 3, 4. & 5, T.18N, R105W . (Legal Description)	
in the County of _	SWEETWATER , in	the State of
Wyoming. This per	mit shall be effective for a period of 2	years
from the date of i	ssuance of this permit not to exceed five (5) ye	PROFESSION
AUTHORIZED BY:		ROSSIES NO. 282 NO. 282 NO. 13 NO. 10
Administ Water Quality		din OF WYONING
APRIL 30, 1979		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING 82520

PROJECT:

CITY OF ROCK SPRINGS

PUMP HOUSE AND FORCE MAIN,

SWEETWATER COUNTY

ARCHITECT OR ENGINEER:

JOHNSON FERMELIA & CRANK, INC.

P.O. BOX 631

KEMMERER, WYO. 83101

ATTN: DALE CRANK, P.E.

WATER QUALITY DIVISION REFERENCE NUMBER:

79-174

REVIEWING ENGINEER:

Bust

DAVID W. HILL

DATE OF REVIEW:

APRIL 23, 1979

ACTION:

NOT AUTHORIZED

COMMENTS:

- 1. A "Application for Permit to Construct" is needed.
- 2. Will larger individual pump intake and discharge piping be needed? Excessive velocities should be avoided.
- 3. The pump sites were increased without an increase in wet well size. Please provide information demonstrating that excessive pump cycling will not take place.....
- 4. Is the existing emergency generator large enough to handle the new pumps (at least two plus pump house accessories).....
- 5. Can the emergency generator remain in the old sewage plant or must a new structure be built for it?

Enc. 2 "App. for Permit to Construct"

DWH/jky

/X/ New			
// Renewal	: •	Permit No	79-175
/_/ Modified			
	Walt's Place		·
	(N	ame of Facility)	
	This permit hereby	authorizes the applicant	:
	Komma,	Walter	L
	(Last)	(First)	(Middle)
	600 Boles Road		,
*.		(Street or P.O. Box	x)
	Casper,	Natrona	Wyoming 82601
	(City)	(County)	(State)
to construct, in	stall, or modify a _	commercial subsurface	e disposal
	Sec. 13, T		,
ractifity tocated		(Legal Des cr iption)	
in the County of	Natrona		, in the State of
Wyoming. This p	permit shall be effec	ctive for a period of	two years
		ermit not to exceed five	N. 4110-1010
	133441.54 51 41144 7		REGISS.
AUTHORIZED BY:		•	285
	0.00	6	
La J. Olia	X (1200 Q	Tober 6.7	sundia CATE OF WYCHAIN
	nistrator	Westing Dont of	Director Environmental Quality
Water Qua	lity Di v ision	wyomrny bept. or	Ella Louinelle at dag 163
May 2	, 1979		
	f Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

Brok - Pikhok 199 5-1-79

PERMIT TO CONSTRUCT

//	New		•	•
//	Renewal		Permit No	79-176
/ <u>_x</u> /	Modified			· ·
		Eastward Heights	II & Fairdale Heigh	ts
		. (Na	ame of Facility)	
		This permit hereby a	authorizes the appli	cant:
		Casper Board	of Public Utilities	
		(Last)	(First)	(Middle)
		200 North Dav	id	
			(Street or P.O.	Box)
		Casper,	Natrona	Wyoming 82601
	,	(City)	(County)	(State)
tn co	onstruct. ir	nstall, or modify a "	nunicipal distributi	on & collection system
Tach:	ity located	l in <u>Sec. 11, T33N</u>	(Legai Descripti	on)
in t	ne County of	Natrona		, in the State of
Wyom	ing. This p	permit shall be effect	tive for a period of	two years 0
		issuance of this per		: (5)
		issuance or onis per	THE PART OF THE PA	ive (5) years.
AUTH(ORIZED BY:			\(\frac{1}{4}\)\(\frac{1}{2}\)
				6/
(0)	00.	2 () 2	Lobert	6. Sundi FOF
<u></u>		istrator		Director
	Water Qua	lity Division	wyoming Dept.	of Environmental Quali
	M 1	1070	,	
	May 1, Date of	1979 F Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

DON ARMSTRONG 450 S. FEDERAL RIVERTON, WYO. 82501 Book , M- tod. 5-1-79

//	New		Perm	it No	9–177	
 //	Renewal		•		٠.	
	Modified			·		-
•		CLIFF VIEW MOBILE H	HOME COURT			
		(ORIGINALLY PERMIT)		OVEMBER, 1978	3. PERMIT 7	'8-551RR)
			of Facili		····	
	· Thi	s permit hereby aut	horizes th	e applicant:	,	-
	,	J.R. CONTRACTOR, IN	1C.			
		(Last)		(First)		(Middle)
		RT. 1, P.O. BOX 555	5	•		
			(Stre	et or P.O. Bo	(xc	•
		RIVERTON,	WYO.		82501	
		(City)		(County)		(State)
			YILEED DT	OED TRIETON		
		stall, or modify a				
faci	lity located	in SEC. 35, T	.in, (Lega	R4E al Descriptio	on)	·
in tl	he County of	FREMONT		•	, in 1	the State of
		ermit shall be effe				years
						S. ODEECO.
,		issuance of this p				ED PROFESSION
		,				NO THE
AUTH(ORIZED BY:				REGIO	NO. 285
ری		Jala Distrator	A		Sundi	CANE OF WAOWING
	Water Qual	ity V ivision	Ws	oming Dept.	of Enviror	mental Quality
	APRIL 24,	1979. Issuance				

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

/X/ New		Permit No79-178	BR
// Renewal		•	
/_/ Modified			
		•	-
	SPARROW HAY	WK HILL TWO	
	(Name of	Facility)	
Th	is permit hereby authori	izes the applicant:	
	McStain Enterprises,	Inc.	
-	(Last)	(First)	(Middle)
	, 212 West Burkitt		
		(Street or P.O. Box)	
	Sheridan	Sheridan	Wyoming 82801
	(City)	(County)	(State)
	istall, or modify a <u>wat</u>		
		(======================================	
in the County of	Sheridan	1	, in the State of
	permit shall be effectiv	ve for a period of	two (2) years
			E) POEFSCIO
from the date of	fissuance of this permi	t not to exceed five (5) years. Value E. S.
			REGIST NO. 285
AUTHORIZED BY:	PROFESS/ONA		(E) (C) 285
1 000000	THE #1479	Tover 6	Sundu OF WYOMI
Admir	instructor #1479	Dir	ector
Water Qual	W S TOIL	wyoming pept. of	Environmental Quality
June 20	, 1979 OF WYOM		
	Issuance		

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

M to 1 79

/ <u>x</u> /	New		Pełmit No. 79-17	9RR
//	Renewal		·	
/ <u></u> f	Modified			
		Green Mountain	Village No. 3	
		(Name o	f Facility)	
	This	permit hereby autho	rizes the applicant:	
		Green Mountai	n Village, Inc.	
		(Last)	(First)	(Middle)
	*.	077 W-i Gt		
	•	277 Main St	(Street or P.O. Box	
				•
_		Lander (City)	WY (County)	82520
		(City)	(County)	(State)
sew	age collect	tall, or modify a wide ion, and sewage to sec. 14, T. 2	ater storage, water reatment. 9N, R. 92W (Legal Description)	·
sew	age collect	lon, and sewage t	9N, R. 92W	·
faci	age collect lity located	lon, and sewage t	9N, R. 92W (Legal Description)	·
faci in t	age collect lity located ne County of	in Sec. 14, T. 2	reatment. 9N, R. 92W (Legal Description)	
faci in the	age collect lity located ne County of ing. This pe	in Sec. 14, T. 2 Fremont rmit shall be effect	reatment. 9N, R. 92W (Legal Description)	, in the State ofyears
in the Wyoman	age collect lity located ne County of ing. This pe	Fremont rmit shall be effect issuance of this peri	Yeatment. 9N, R. 92W (Legal Description) ive for a period of mit not to exceed five	, in the State of TWOyears (5) years. PROFESSION ON NO. 235
in the Wyoman	age collect lity located ne County of ing. This pe the date of	Fremont Fremont Fremont Fremont Fremont Fremont FROFESS/ONA STATE FROFESS/ONA FROFESS/O	(Legal Description) ive for a period of mit not to exceed five	, in the State of TWO years (5) years. PROFESSION E. E

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING, 82520.

(307) 332-3144

PROJECT: Green Mountain Village No. 3

ENGINEER: Rollins, Brown, and Gunnell, Inc.

P.O. Box 711

Provo, Utah 84601

OWNER: Green Mountain Village, Inc.

277 Main

Lander, Wyoming 82520

WATER QUALITY DIVISION REFERENCE NUMBER: 79-179R

REVIEWING ENGINEER: Rick Engelmann

DATE OF REVIEW: June 1, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

Water Storage Tank

The outlet of the water overflow pipe must be screened.

Water Distribution System

It is not clear in your spec. what SDR PVC pipe it is proposed to use. Division policy is to require banded saddles for water service taps into all pipe thinner than SDR 18 - it appears you are proposing to use standard corp. stops.

Sewage Collection System

I could not find on your drawings a specification of 1/8" per foot slope for the trailer service connections.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING 82520

GREEN MOUNTAIN VILLAGE NO. 3 PROJECT:

OWNER: GREEN MOUNTAIN VILLAGE, INC. 277 MAIN, LANDER, WYO. 82520

ROLLINS, BROWN, & GUNNELL, INC. ARCHITECT OR ENGINEER:

P.O. BOX 711

PROVO, UTAH, 84601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-179

REVIEWING ENGINEER:

RICK ENGELMANN

DATE OF REVIEW:

MAY 4, 1979

ACTION:

NOT AUTHORIZED

COMMENTS:

WATER STORAGE TANK:

- There is a discrepancy between well-storage tank layout shown on P. 3 and the one on P. 11. Please clarify.
- 2. We need the following: my
 - a. Details fon the shell manhole, overflow, and vent. Pay particular ber attention to applicable sections in Ten States Std. and AWWA D100.00.
 - Proposed wall thickness and steel type (note that AWWA D100 does not -specifically cover stand pipes this small).
 - c. Proposed method for fabricating tank welding or bolting?
 - Proposed method for joining inlet/outlet pipes to the tank.

WATER DISTRIBUTION:

- The specified hydrostatic test spec. (12.1) is outdated. The most current is C600-77, Sect. 4. A copy of this must be provided with the spec. since I doubt the contractor will have a copy.
- The disinfection spec. (12.1) does not conform with AWWA C601-68 because it does not require a residual after 24 hours. If you are calling out this spec., please provide a copy with the spec.s.
- 3. We need the following:-
 - Size of thrust blocking, basis for selection, and locations where these must go.

REVIEW OF PLANS AND SPECS. GREEN MOUNTAIN VILLAGE NO. 3 79-179 MAY 4, 1979 NOT AUTHORIZED.

- 2 -

WATER DISTRIBUTION CONT'D ...

b. Specifications for corporation stops, water riser, and installation spec.s for same.

SEWAGE COLLECTION SYSTEM:

- 1. I believe that the ASTM spec. is $\underline{D}3034$ rather than C3034(133).
- 2. Sewer service pipe must be sloped at at least 1/8" per foot.
- 3. We need the following:
 - a. Specification of SDR and complete solvent welding procedures for PVC pipe.
 - b. If PVC is being used for the collection pipe, there must be specification of maximum allowable deflection and testing for same.
 - c. Some definition (drawing or otherwise) of "Class C" bedding (13.5).
 - d. If it is proposed to use a saddle for tapping into a sewage maintaine, we will accept a minimum of a banded saddle with gasket. The saddle shall provide for the service line to enter the main line at a maximum of 45° in the direction of flow. For such an arrangement, we will need complete installation and material specifications. (Generally we prefer single piece plastic wyes.)

SEWAGE LAGOONS:

- 1. I assume that at the time the lagoon plans were initially submitted, some type of report detailing the design basis for the lagoons was sent to this department. Could a copy be sent up? I am particularly interested in the analyses of the native soils that are proposed for lagoon construction, and the description of the subsoil and groundwater conditions in the area.
- 2. It is not clear on P.10 how sewage is distributed among the lagoons.

GENERAL:

Please provide a location map of the trailer park.

RE/jky

cc: Peter M. Jorgensen, P.E. P.O. Box 1142 Jackson, Wyoming 83001 Robert Ablondi Teton County Planning Teton County Courthouse Jackson, Wyoming 83001

mros go

/ <u>X</u> /	New		Permit No. 79-180R	
//	Renewal	•		
//	Modified		•	
		Aspens-Wastewater J (Name	Disposal Field Phase II Of Facility)	
	This	permit hereby auth	norizes the applicant:	
			,	
		Racquet Clu (Last)	ub Ventures, Inc. (First)	(Middle)
	·	G	D 060	
		Star Koute	Box 362 (Street or P.O. Box)	
				•
		Jackson, Wy (City)-	yoming 83001 (County)	(State)
			ift station-elevated leach t	Field
faci	lity located i	n <u>Sec. 11, T. 41</u>	N., R. 117 W. (Legal Description)	
			(Legal Description)	
in t	he County of _	Teton		, in the State of
	-		tive for a period of	-
from	the date of i	ssuance of this pe	ermit not to exceed five (5) years.
				TE. CARL
AUTH	ORIZED BY:	PROFESSIO		ROS 285 NO. 0 N N O N O N O N O N O N O N O N O N O
100	in: 8		Four E. S.	industrof WYOMING
	Adminis Water Qualit	v Di ki-ki on ^{P.E.} # 1479	Ul red	
	V 00 1070	OF WYO		
	May 29, 1979 Date of I			

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING, 82520.

(307) 332-3144

PROJECT: Aspens Wastewater Disposal Field - Phase II

Sec. 11, T. 41 N., R. 117 W. Teton County

ENGINEER:

Peter M. Jorgensen P.E.

P. O. Box 1142

Jackson, Wyo. 83001

OWNER:

Racquet Club Ventures, Inc.

Star Route Box 362 Jackson, Wyo. 83001

WATER QUALITY DIVISION REFERENCE NUMBER:

79-180

REVIEWING ENGINEER:

David W. Hill

DATE OF REVIEW:

May 14, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

- 1) How will the distribution network be tested to insure proper distribution?
- 2) The specifications on the graded filter material is loose. A complete sieve analysis of the sand is needed.
- 3) How will venelation be provided in the pump vault? Will forced venelation be needed?
- 4) What operational steps, maintenance steps, plant modifications, etc. have or will be taken to insure plant reliability in maintaining a reasonably low suspended solids content in the effluent? Please submit a time schedule for implementation. Also, how will excess sludge in the plant be handled?

PERMIT TO CONSTRUCT

/_x/ New		Permit No79-181RR	
/ <u>_</u> / Renewal			
// Modified			
<u></u>	GOSAR'S TRAILER COURTS	WATER AND SEWER	
	(Name of	Facility)	
Th	is permit hereby author	izes the applicant:	
	GOSAR	JOHN	
	· (Last)	(First)	(Middle)
	P. O. BOX 775		
	1. 0. BOA 7/3	(Street or P.O. Box)	
		•	
,	Rock Springs (City)	WY	82901
	(Crey)	(County)	(State)
to construct, in	stall, or modify a war	ter distribution and sewag	e collection
	in <u>Sec. 3, T. 18N, R.</u>		COLLECTION
·		(Legal Description)	
in the County of			in the State of
Wyoming. This p	ermit shall be effective	e for a period of	years
		t not to exceed five (5) y	rears
•		`,'	PED PROFESSION
AUTHORIZED BY:	PROFESS/ONAL		HEGOS NO. STATE SON NO. STATE
			205 Kg
Walson L	WILLIAM L. GARLAND	Dover E. Sun	din FIF OF WYONING
Admini Water Quali	ty Bivi von OF WYOMING	· 18	
August 2, 1979	Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

179868 8-15 79

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING 82520

PROJECT:

GOSAR'S TRAILER COURTS

OWNER:

JOHN GOSAR, P.O. BOX 775, ROCK SPRINGS, WYO. 82901

ARCHITECT OR ENGINEER:

JACK E. HANSEN

P.O. BOX 1813

ROCK SPRINGS, WYO. 82901

WATER QUALITY DIVISION REFERENCE NUMBER:

79-181

REVIEWING ENGINEER:

DOUG CRAIG

S P

DATE OF REVIEW:

ACTION:

MAY 1, 1979

COMMENTS:

NOT AUTHORIZED

1. The State regulations for manholes is as follows:

Manholes shall be installed at the end of each line, changes in direction, size or grade, and at a maximum spacing of 400 feet for sewers 15 inches or less. Lampholes or clean-outs may be installed at the end of a lateral in place of a manhole, if the length of the lateral is less than 150 feet. A sewer riser for a mobile home connection is not considered a clean-out. Manholes or clean-outs shall not be located under a space occupied by a mobile home. The minimum diameter of manholes shall be forty-two (42) inches. The flow channel through the manholes shall slope toward the direction of flow.

You have several deviations from these regulations on your plan sheet.

2. Specify deflection and infiltration requirements for the sewer line.

79-182 Collins Draw replaced by 79-323

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1

PERMIT TO CONSTRUCT

/ <u>X</u> /	New	•		
//	Renewal		Permit No	79-183
<i></i> /	Modified			
·		Septic System	for Gettman Trailer Un	it
	. · <u>-</u> -	(N	ame of Facility)	
		This permit hereby	authorizes the applica	int:
		Scott Gettman		
		(Last)	(First)	(Middle)
		1434 S. Holly		
			(Street or P.O. B	Box)
		Casper,	Natrona,	Wyoming 82601
		(City)	(County)	(State)
to c	onstruct, i	nstall, or modify a	small subsurface dispo	osal
		500 1/1 TO		
таст	lity locate	u III	(Legal Description	1)
in t	he County o	f Natrona		_, in the State of
			tive for a period of	two (2) years
				PRUTESS/
from	the date o	f issuance of this pe	ermit not to exceed fiv	11 R 10 R
AUTH	ORIZED BY:			NO.
				285
			Hadess !	2
	Admi	nistrator	Barrer 6,	Director
		lity Division	Wyoming Dept. c	of Environmental Quality
		. <u>.</u>		
	May 23	<u> </u>	•	
	Date o	of İssuance	•	

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit $\underline{\text{does not}}$ supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

PERMIT TO CONSTRUCT

/ <u>X</u> /	New	`		
//	Renewal		Permit No. 79 -	184
/ <u>_</u> /	Modified			
		Septic System for Tr	ue Drilling Company	
	_	· (Nam	e of Facility)	
		This permit hereby au	thorizes the applican	t:
		Mallick	Bill (Agent -	- True Drilling Co.)
		(Last) ·	(First)	(Middle)
		600 East First Str	eet	
	•		(Street or P.O. Bo	ox)
		Casper	Natrona	WyOming .
		(City)	(County)	(State)
to c	onstruct,	install, or modify a <u>Se</u>	ptic System & Grey Wat	ter System
faci	lity locate	ed in Section 5, T33N,	R79W	·
140.	7. by 10040.		(Legal Description)	
in t	he County	ofNatrona		, in the State of
		permit shall be effecti	ve for a period of _	2 years ESSING
from	the date	of issuance of this perm	nit not to exceed five	(5) years. Stat E. S
	ORIZED BY:			NO. S
AUTH	OKIZED DI.		_	285 ₹
-	_			S. S
<u>u</u>	I lliani	L. Valana	Lobert 6,7	Sundin SATE OF WYOMING
		inistraptor ality Division	\ Wyoming Dept. of	f Environmental Quality
<u>.</u>	na oci qu		, , , , , , , , , , , , , , , , , , ,	
	May 1	7, 1979		
	Date	of Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

19 - 5-19-59 19 - 5-19-59

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Septic System For True Drilling Company, Casper, Wyoming

ARCHITECT OR ENGINEER: Worthington, Lenhart & Carpenter, Inc. Casper, Wyoming

WATER QUALITY DIVISION REFERENCE NUMBER: 79-184

REVIEWING ENGINEER Robert H. Pinther, P.E. M.S.

DATE OF REVIEW: May 16, 1979

ACTION: CONSTRUCTION AUTHORIZED

COMMENTS: The recommendations pertaining to the grey water system which are set forth below were discussed by telephone on May 16, 1979 with Mr. Mike Bell of-the Engineer's staff.

- 1. To avoid freezing it is recommended that the inlets to the ponds be located near the bottom of each pond at a point where there will be a minimum of 2 feet of liquid above the top of pipe at all times.
- 2. Where needed to prevent earth erosion, concrete splash pads should be provided beyond the discharge end of each pond inlet pipe.
- 3._ To protect the building waste water line against stoppage and/or reduced flow capacity it is recommended that a "sand and grease" trap be provided in this line as close to its upper end as practical.



ED HERSCHLER GOVERNOR

Department of Environmental Quality Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

April 3, 1984

Town of Mills P.O. Drawer 789 Mills, WY 82644

Dear Sir:

On March 13, 1984, a status letter was sent to you concerning a permit to construct, reference number 79-185, facility name Town of Mills Chlorination & Pump House #3. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

This project has <u>not</u> been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and punishable with fines not to exceed \$10,000 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further instruction. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Water Quality Rules & Regulations, must be followed.

Sincerely,

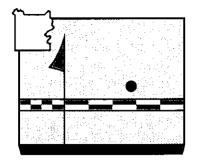
LeRoy C. Feusner, P.E.

Southeast District Supervisor

Water Quality Division

LCF/nc

cc: Terry L. Titus
 Worthington, Lenhart, Carpenter & Johnson, Inc.
632 South David
 Casper, WY 82601



WORTHINGTON, LENHART, CARPENTER and JOHNSON, INC.

CONSULTANTS:

ENGINEERING, LAND SURVEYING AND LAND PLANNING

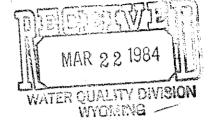
632 SOUTH DAVID STREET

CASPER, WYOMING 82601

PHONE 307/266-2524

March 20, 1984

Department of Environmental Quality Water Quality Division 1111 E. Lincolnway Cheyenne, WY 82002



RE: TOWN OF MILLS CHLORINATION AND PUMP HOUSE BUILDING NO. 3: DEQ REFERENCE NO. 79-185

Mr. Leroy C. Feusner:

In response to your letter of inquiry, dated March 14, 1984, concerning the above mentioned project, I offer the following information.

The plans as originally submitted were for the installation of a chlorination system to the existing Well No. 3. Well No. 3 Pump House was constructed, to the best of my knowledge, during the mid 1960's from plans dated November 1965 by Robert L. Streeter, Consulting Engineer, Casper, Wyoming.

During the course of review of the plans for Well No. 3 Chlorination System, the Town of Mills submitted to DEQ plans for a new Well No. 6, Central Chlorination and Laboratory Building dated April 1980. At that time the Well No. 3 plans were marked not constructed by Michael R. Bell (formerly of our office). As Well No. 6 was approved, constructed and now is in operation, the chlorination system in Well No. 3 was not built, although the well itself operates as part of the Town's water system. That room is now used for storage only.

I hope this clarifies the situation.

Respectfully,

WORTHINGTON, LENHART, CARPENTER AND JOHNSON, INC.

Terry L. Titus, P.E.

Engineering Representative for the Town of Mills

cc: Town of Mills



ED HERSCHLER GOVERNOR

Department of Environmental Quality Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 14, 1984

Town of Mills P.O. Drawer 789 Mills, WY 82644

Dear Sir:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:

Chlorination & Pumphouse Building #3, Town of

Mills

DEQ/WQD Reference Number:

79-185

Engineering Consultant:

E. C. Lenhart, Worthington, Lenhart, Carpen-

ter & Johnson

DEQ/WQD Reviewing Engineer:

Date of DEQ/WQD Review:

Robert Pinther May 23, 1979

Please indicate below the status of your application and return this form to our office:

				A Company of the Comp			
	The application cancelled.	will not be	resubmitted as	the proposed	project	has	been
							•
<u>//</u>	The application	will be res	ubmitted withir	30 days.			· . •
		• •	•				•
<u>//</u>	The facility has struction plans		•				.con-
	Other remarks _					•	·

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or constributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,

LeRoy C. Feusner, P.E.

Southeast District Supervisor

Water Quality Division

cc: E. C. Lenhart
Worthington, Lenhart, Carpenter & Johnson
632 South David
Casper, WY 82601

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY WATER QUALITY DIVISION State Office Building Cheyenne, Wyoming 82002

PROJECT:

Chlorination & Pumphouse Building No. 3, Town of Mills, Natrona Co.

ARCHITECT OR ENGINEER:

Worthington, Lenhart & Carpenter

632 S. David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBERS

REVIEWING ENGINEER:

Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: May 23, 1979

ACTION:

NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Well and Pumphouse

- Show the location of well in respect to the river, existing buildings, storm or sanitary sewers, septic tanks, drainfields, and other sources of contamination.
- 2. Eliminate the pit above the well by extending the well curbing to a point at least 18 inches above ground level.
- Surround the well curbing to a depth of at least 10 feet below existing 3. ground surface with at least 6-inches of watertight concrete poured in one operation.
- Complete the well and install the pump as illustrated in the enclosed sketch entitled "Proper Dug Well Installation". The pipe sleeve cast in the well cover shall extend up into the base of the pump housing at least one inch as illustrated.

Note: If a removable well cover is to be employed, a watertight joint shall be made where the cover rests on the well curbing and the cover shall overlap downward at least 2 inches around the outside of the curbing.

The access manhole in the cover shall have a curb at least 4 inches high -5. and the cover shall extend down around the curb at least 2 inches.

- 6. Provide a floor drain which discharges to the surface or a gravel pocket at least 30 feet from the well.
- 7. Locate the pump discharge pipe and valves above the pumphouse floor.
- 8. Provide a sampling tap on the pump discharge pipe at a point where positive pressure is maintained.
- 9. Specify that the ground surface shall slope away from the well for a distance of at least 50 feet in all directions.
- 10. Submit a chemical analysis of water from the well to determine the suitability of the water as a potable source.
- 11. Provide a well casing vent to atmosphere. The vent shall terminate in a downturned position. The open end of the vent shall be at least 1½ inch diameter and shall be located at least 2 feet above the pumphouse floor. It shall have a 24 mesh corrosion resistant screen over the open end.
- 12. Provide for disinfecting the well and all pipe prior to placing into service by contact for a period of at least 24 hours with a solution containing at least 50 parts per million available chlorine.
- 13. Provision should be made for flushing well water to waste. However, no direct connection shall be made to any sewer line and no sewer line shall be located within 50 feet of the well.

Chlorination

 Indicate capacity of the chlorinator and capacity of the wells to be served.

Note: The chlorinator capacity shall be enough to provide a free chlorine residual of 2 parts per million in the water after a 30 minute contact period.

- 2. The air intake for the chlorination room shall be near the ceiling.
- A hand operated switch for the chlorination room fan should be provided outside the building at the door so the exhaust fan can be operated without opening the door.
- 4. The light switch should be provided at the door outside the chlorination room.
- 5. Provide respiratory protection equipment for protection against chlorine gas. The equipment shall be readily available outside the building. The equipment should preferably be of the self-contained compressed air type with at least 30 minutes capacity.

Review of #79-185 May 23, 1979 Page three

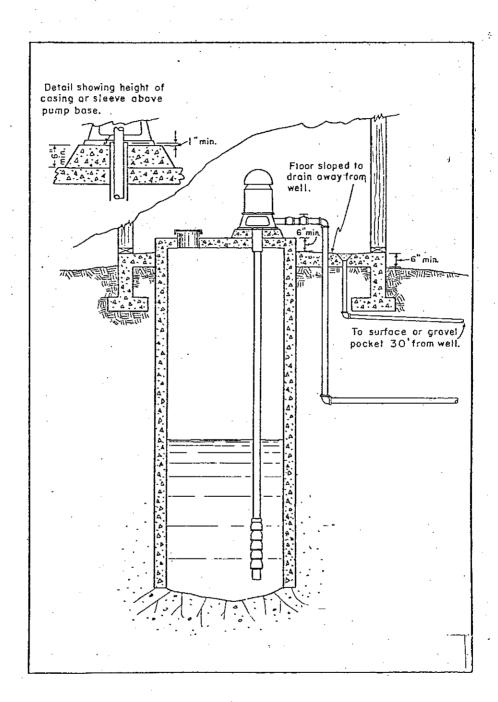
6. A bottle of ammonium hydroxide shall be available for chlorine leak detection.

Water Mains

- 1. Submit plans showing the water main which connects the well to the water distribution system.
- 2. Show any sewers located within 10 feet of the water main and specify adequate protection and/or separation as specified in the "Ten State" Standards for Water Works, 1968 Edition.
- 3. Indicate the material of which the water main is to be constructed.
- 4. Indicate what specifications are to govern the construction of the water main connection to the distribution mains.

Enclosure: 1

RHP/nc



Proper Dug Well Installation.

PERMIT TO CONSTRUCT

/XX/ New			
/ <u>/</u> / Renewal		Permit No. 79	9-186
// Modified			
· 	Mountain View Wat (Nam	cer Connection ne of Facility)	· .
. Т	his permit hereby au	thorizes the applicant	:
· .	Larry Redding (Last)	(First)	(Middle)
	RADIX, INC. 350 W. "A" Street	t, Suite 205	
		(Street or P.O. Box	
·	Casper, (City)	Natrona, (County)	Wyoming 82601 (State)
		ublic water supply (dis	tribution system)
facility located i	n Sec. 7, T33N, R79	(Legal Description)	
in the County of _	Natrona	,	in the State of
		ive for a period of	two years
from the date of i	ssuance of this per	nit not to exceed five	& C 1
AUTHORIZED BY:			ROES N
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			28
Dilliam d Adminis	<u>Jalo</u>	Lobert E. D	Fundin Pirector
Water Quali	ty Division	Wyoming Dept. of	Environmental Quality
May 2,	1979		
Date of :			

This permit <u>does not</u> supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

mailed 79

//	New	•	Permit No	79-187	
//	Renewa1		•		-
/ <u>X</u> /	Modified				
		0 U 77 ALLE			-
		Sun Valley Additi	of Facility)		
		(Maille C	or ractificy)		
	This	permit hereby author	orizes the applican	t:	
		Sun Valley Homes,	, Inc.		
		(Last)	(First)	(M	liddle)
		1207 West 22nd St	reet		
		TEO NEST LENG S	(Street or P.O.	Box)	
			•		
		Cheyenne,	Laramie,	Wyoming	
		(City)	(County)		(State)
to c	onstruct, inst	all, or modify a $_{-}^{\text{m}}$	nunicipal distribut	ion & collection	system 📆
		n Sec. 35, T13			7
		•	(Legal Descrip	tion)	
in t	ne County of _	Laramie		, in the	State of
Wyom	ing. This per	mit shall be effect	cive for a period o	f two	years
from	the date of i	ssuance of this per	rmit not to exceed	five (5) years.	
	•	•	•		680 E
		•			
AUTH(ORIZED BY:				NO. NO.
	\cap				285
la n	00in 4	(1/2,0,0	Lobers	6. Lundi	FIF OF WYONING
ي	Adminis	- 1		Director	
	Water Qualit	y Division	Wyoming Dep	t. of Environme	ntal Quality
	•				
	May 2, 1	979			

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

	New	.`	Permit No. 7	'9-188R		
//	Renewal	· .				
/ <u>X</u> / 2	Modified			. • •		
		Big Country Mob	ile Home Park	•		
		(Name c	of Facility)		·	
	This	permit hereby autho	orizes the applicant:	:		
	•	Frank Neal	·		· ·	
	•	(Last)	(First)		(Midd	le)
		3400 S. Greeley	Highway	•	•	
			(Street or P.O. E	Зох)		
		Cheyenne,	Laramie,		Wyoming	82001
		(City)	(County)		(Sta	
faci	lity located i	n Sec. 20, T14N	distribution & collect (public water supply) , R66W			
	•			1 (373)		
			(Legal Descripti	, , , ,		
in t	he County of _	Laramie	(Legal Descript)		in the Sta	ite of
	_		tive for a period of			ate of _ years
Wyom	ing. This per	rmit shall be effect	<u> </u>	, two ((2)	ű.
Wyom	ing. This per	rmit shall be effect	tive for a period of	, two ((2)	years PROFESSION
Wyom	ing. This per the date of i	rmit shall be effect	tive for a period of	, two ((2) years.	years PROFESSION RET E. SUI
Wyom	ing. This per	rmit shall be effect	tive for a period of	, two ((2) years.	years PROFESSION
Wyom	ing. This per the date of i ORIZED BY:	mit shall be effect issuance of this per	tive for a period of	, two (years.	years PROFESSION RET E. SUI
Wyom	ing. This per the date of i	rmit shall be effect issuance of this per	tive for a period of		years. WEBINGS	PROFESSION RESERVED NO. 285

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

Book M · 5-15-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Big Country Estates Mobile Home Park, Cheyenne, Wyoming, Laramie Co.

ARCHITECT OR ENGINEER: Joe Kub, BRW Noblitt, 1709 Carey Avenue, Cheyenne, WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER:

REVIEWING ENGINEER: LeRoy C. Feusner, P.E.

DATE OF REVIEW: May 10, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. All plans must be signed by a Professional Engineer licensed in Wyoming.

- 2. Sheet #3 of 8 and page SP-4 of specifications do not agree. Paragraph 2.5.2 indicates correctly that a cement collar shall be poured around the packed joint for sewer crossings over a water main. Indicate cement collar on drawings.
- 3. Sewer riser pipe shall be protected by concrete at ground surface a minimum of 4 inches thick and 12 inches in diameter. Riser pipe shall terminate a minimum of 4 inches above natural ground, standing water, or surface water runoff, whichever elevation is higher. (DEQ Rules and Regulations, Chapter III, page 11.)

Book m to S 5-29-79

PERMIT TO CONSTRUCT

/ <u>x</u> / New		Permit No	79–189	
// Renewal				
// Modified				
	MDU WAREHOUS	E SEWAGE FACILITY		
	· (Name o	f Facility)		
This	permit hereby autho	rizes the applica	nt:	
•		**		
	·	ta Utilities, Inc		
	(Last)	. (First)	(Middle)
	54 South Mai	n Street		
		(Street or P.O	. Box)	
	Sheridan, WY	82801		
~~	(City)	(County)		(State)
facility located	in <u>Section 2, T</u>	.55N., R.84W. (Legal Descri	ption)	
in the County of	Sher	idan	, in	the State of
Wyoming. This pe	rmit shall be effect	ive for a period	of <u>two (2)</u>	years
cc: Joe Hollings	issuance of this permorth, County Engine Liates, Attention: Bi	er ·	five (5) year	Ars. PROFESSIONAL E. SUNDINGER NO. O.
AUTHORIZED BY:				285
O O O Admini Water Quali	strator ty Division	Lovering De	Director pt. of Enviro	onmental Quality
May 25	, 1979	•		
Date of	Issuance			

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

/ <u>X</u> /	New		Permit No	79–190
//	Renewa]			•
//	Modifie	d		ı
			·	
			Water Main Extension & me of Facility)	Fire Hydrant Installation
		·	•	
		This permit hereby a	uthorizes the applican	t: .
		Town of Sarat	oga	
		(Last)	(First)	(Middle)
		•		
		Box 486	(Street or P.O.	Dow
		•	(Street or P.U.)	. BOX)
		Saratoga	Carbon	Wyoming 82331
		(City)	(County)	(State) —
faci	lity loc	ated in Sec. 14, T.	17, R.84 (Legal Descript	tion)
in t	he Count	y of <u>Carbon</u>		, in the State of
	-	•	fective for a period of	f two years
-		•	•	
trom	the date	e of issuance of this	permit not to exceed t	five (5) years. PROFESS/ONE
				SE NO SE
AUTH	ORIZED B	Υ:		REGIST NO. 2018
		0 0		
600	00.c	L (Valors	Hobert 6,	Lundin STE OF WYOMING
		dministrator	Wyoming Dont	Director t. of Environmental Quality
	water (Quality Division	wyoming bep	. Of the frommental quarity
	April 2	23, 1979		

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY WATER QUALITY DIVISION · State Office Building Cheyenne, Wyoming 82002

PROJECT: Standard Specifications & Design Criteria for Water Mains and Sanitary

Sewers - 1979, Casper Board of Public Utilities, Casper, WY

ARCHITECT OR ENGINEER:

Colin Cunningham, Civil/Sanitary Engineer, Casper Board

of Public Utilities, 200 N. David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-191RR
(Cobert & Tinther

REVIEWING ENGINEER:

Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: July 5, 1979

ACTION: APPROVED

COMMENTS:





Department of Environmental Quality Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

June 6, 1979

Mr. Colin Cunningham Civil/Sanitary Engineer Casper Board of Public Utilities 200 N. David Casper, WY 82601

> Revised Copy of "Review of 1979 Water & Sewer Standard Specifications", Water Quality Division Ref. #79-191

Dear Mr. Cunningham:

This is to confirm our conversation pertaining to the referenced item during your telephone call to this office on June 4, 1979.

As you indicated, the specified leakage of 0.2 gallons per inch diameter per 1000 lineal feet of main during the 2 hour test as set forth in the Standard Specifications submitted for review is accurate.

We are enclosing a copy of our revised review of specifications date June 4, 1979.

Thank you for bringing this matter to our attention.

Sincerely,

Robert H. Pinther, P.E., M.S.

Environmental Engineer, Area IV

PHP/nc

Enclosure

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY WATER QUALITY DIVISION State Office Building Cheyenne, Wyoming 82002

PROJECT: Standard Specifications, Water & Sewer - 1979, Natrona Co.

ARCHITECT OR ENGINEER: Colin Cunningham, Civil/Sanitary Engineer, Casper Board

of Public Utilities, Casper, WY

WATER QUALITY DIVISION REFERENCE NUMBER: 79-191

REVIEWING ENGINEER: Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: May 29, 1979, Revised June 4, 1979

ACTION: NOT AUTHORIZED

COMMENTS:

Water

- 1. Insert the attached "Requirements for Horizontal and Vertical Separation Between Water and Sewer Mains".
- 2. The open end of each air relief pipe shall be extended from the manhole to a point at least one foot above ground and provided with a screened, downward facing elbow.

Sewer

Insert the attached "Requirements for Horizontal and Vertical Separation Between Water and Sewer Mains".

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY WATER QUALITY DIVISION State Office Building Cheyenne, Wyoming 82002

PROJECT: Standard Specifications, Water & Sewer - 1979, Natrona Co.

ARCHITECT OR ENGINEER: Colin Cunningham, Civil/Sanitary Engineer, Casper Board

of Public Utilities, Casper, Wyoming

WATER QUALITY DIVISION REFERENCE NUMBER: 79-191
Valent H. Vinther
REVIEWING ENGINEER: Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: May 29, 1979

ACTION: NOT AUTHORIZED

COMMENTS:

Water

- Insert the attached "Requirements for Horizontal and Vertical Separation Between Water and Sewer Mains".
- 2. Reduce the allowable leakage in Article 19 G. Pressure Test from 0.2 to 0.1 gallons per inch diameter per 1000 lineal feet of main being tested.
- The open end of each air relief pipe shall be extended from the manhole to a point at least one foot above ground and provided with a screened, downward facing elbow.

Sewer

Insert the attached "Requirements for Horizontal and Vertical Separation Between Water and Sewer Mains".



Department of Environmental Quality Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 30, 1979

Mr. Colin Cunningham Civil/Sanitary Engineer Casper Board of Public Utilities 200 N. David Casper, WY 82601

> Re: Review of (1) 1979 Water & Sewer Standard Specifications and (2) 1979 Water & Sewer Design Criteria, Casper Board of Public Utilities

Dear Mr. Cunningham:

We are enclosing our review of 1979 Water and Sewer Standard Specifications bearing Water Quality Division Reference Number 79-191.

We appreciate the opportunity to review these specifications which can be authorized upon completion of the changes noted in the review.

It is our suggestion that the aforementioned changes and the items listed below be incorporated in the 1979 Water and Sewer Design Criteria. Conflicting criteria should, at the same time, be removed.

State Standards not covered in the design criteria or the standards submitted:

I. Water

- A. Sewer Manholes Section 8.4.4*
- B. Surface Water Crossings Section 8.7*
- C. Cross Connections and Interconnections Section 8.8*

II. Sewer

- A. High Velocity Protection Section 25.6**
- B. Anchors Section 25.3 entitled "Slope"**
- C. Water Supply Interconnections Section 29.1**

*Excerpts from "Ten State Standards" for Water Works, 1968 Edition, enclosed. **Excerpts from "Ten State Standards" for Sewage Works, 1973 Edition, enclosed.

Mr. Colin Cunningham May 30, 1979 Page two

Please feel free to let us know if you have any questions or desire additional information in this matter.

Sincerely,

Robert H. Pinther, P.E., M.S. Environmental Engineer, Area IV

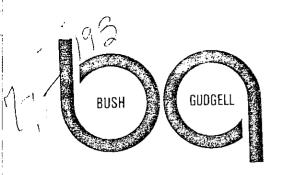
RHP/nc

Enclosures

Bosh 1925-1929

/X/ New		Permit No. 79-	192	
// Renewal	•			
// Modified				
- 1	st Phase Wastewater L	agoon System - Winches.	ter Hills 1st	Filing
		f Facility)		
This	s permit hereby autho	rizes the applicant:		·
1	Winchester Hill	s Assoc.		
	(Last)	(First)	. (Mic	ldle)
	1111 E. Lincoln	wa v		
		(Street or P.O. Box	()	
	Chavarra	1		- 00001
·	Cheyenne, (City)	Laramie, — (County)		ng 82001 tate)
·	(= (= () ()	(a c am c g y	(•	
to construct, ins	tall, or modify a	evaporative		
facility located	in Sec. 32, T13N,	R66W	,	
•		(Legal Description)	
in the County of	Laramie		, in the S	tate of
Wyoming. This pe	rmit shall be effect	ive for a period of	two (2)	years
from the date of	issuance of this per	mit not to exceed five	(5) years.	PROFESSION
			E.A.	E. S.
AUTHORIZED BY:			REG/S	RO. NO.
			*	285 ≥
Annon:	$\mathcal{L}(0,0)$	And the second		PYF OF WYCHING
	strator	D D	irector	
Water Quali	ty D () ision	Wyoming Dept. o	f Environment	al Quality
May 11	, 1979	•		
Date of	Issuance	•	_	

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."



BUSH & GUDGELL, INC.

ENGINEERING AND LAND SURVEYING

P.O. BOX 1144 • ROCK SPRINGS, WYOMING 82901 TELEPHONE (307) 382-2876

May 7, 1979

Mr. Dave Hill D.E.Q. 933 Main Street Lander, Wyoming 82520 SASSA MILLIAN MANAGERIAN SASSA SASSA MILLIAN SASSA SAS

79-193

Cross R.+

78-379

Dear Dave:

This letter is in response to your questions regarding the status of the Granger Park Subdivision in Granger, Wyoming.

Because of the probable relocation of the Town's lagoon site to the east side of U.S. 30, it is concievable that the design of the sanitary sewer system within the subdivision may have to be altered, even to the extent of eliminating the lift station.

In this light, it is our suggestion that your organization temporarily table the set of plans that we have submitted to you until the Town makes up its mind exactly where the lagoon will be, and we have adapted our sewer system to it.

I will keep you personally informed of any developments that we become aware of. $\widehat{\ }$

Sincerely,

Leon R. Kjellgren Professional Engineer

LK/tt



/ <u>_x</u> /	New		Permit No	79-194	
//	Renewal		·		
.//	Modified			,	
		KLEIN (101) FOURF	LEX f Facility)		
	This	permit hereby author		t:	
	-				
		KLEIŅ (Last)	RUSSELL (First)	С	(Middle)
		(East)	(11150)		(middle)
		P.O. BOX 2021			
			(Street or P.O.	Box)	
		DOOK ODDINGS			
		ROCK SPRINGS (City)	SWEETWATER (County)		WYOMING 82901 (State)
		(6123)	(country)		(30000)
to c	onstruct, ins	tall, or modify a	SEPTIC TANK - L	EACH FIELD	
		in SEC. 4	T19N R	105W	
, ac i	irty located		(Legal Descrip	tion)	
. •		CHEET! 18 TED			
in t	he County of	SWEETWATER		, in t	he State of
Wyom	ing. This pe	rmit shall be effect	ive for a period o	f two	years
from	the date of	issuance of this perm	mit not to exceed	five (5) year:	S. OROFESSION
	·	·		•	ST E. S.
				•	NO. ST
AUTH	ORIZED BY:		_		285 ₹
	• (51	100
U	Olleann J	Jala D	Lobers	6, Sunde	OF WYOMING
	Adminī Water Quali		Wyoming Dep	וע rector t. of Environ	mental Quality
	•	•		•	-
		1979			
		Issuance			

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

cc:Bennett-Carder & Associates P. O. Box 1324 Rock Springs, WY 82901 cc: Klein Drilling
P. O. Box 2021

Rock Springs, WY 82901

/ <u>x</u> / New		Permit No. 79-195R	
// Renewal			
 / Modified			
	Engman #1		
		Facility)	
. Th	is permit hereby author	izes the applicant:	
	Engman	Dean	
	(Last)	(First)	(Middle)
	530 Vanburean	(Street or P.O. Box)	
		(001000 01 1101 20%)	
	Midvale	Utah	84047
	(City)	(County)	(State)
facility located	d in <u>Sec. 4, T. 19N, R</u>	. 105W	
		(Legal Description)	
in the County of	SWEETWATER	· · · · · · · · · · · · · · · · · · ·	, in the State of
Wyoming. This	permit shall be effecti	ve for a period of	rwo years
from the date of	f issuance of this perm	it not to exceed five	years years. PROFESSION NO. 285
			QU QT E. S
_	RROFESS/ONATI		NO.
AUTHORIZED BY:			285
	WILLIAM L. GARLAND	6	// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
0 000000	P.E. #1479 / *	Loberto. A	cenden TE OF WYON
Admin	nistrator		rector
Water Qua	nistrator lity Division WYOM	wyoming Dept. of	Environmental Qualit
0 01 70			• ,,
8-21-79 Date o	f Issuance		

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION 933 MAIN STREET, LANDER, WYOMING 82520

PROJECT:

ENGMAN FOURPLEX

OWNER: DEAN ENGMAN - 530 VANBUREAN

MIDVALE, UTAH, 84047.

ARCHITECT OR ENGINEER: HARRY J. KESSNER

P.O. BOX 1324

WATER QUALITY DIVISION REFERENCE NUMBER:

79-195

REVIEWING ENGINEER:

DOUG CRAIG D.C.

DATE OF REVIEW:

APRIL 30, 1979 .

ACTION:

NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Please indicate the trench width.

Note: It is necessary to have approximately 1350 if the french bottom to for Sthis particular designing.

771 to L 5-3-70

PERMIT TO CONSTRUCT

/ <u>x</u> /	New		Pe	rmit No	9–196		
//	Renewal				•		
//	Modified						:
		KLEIN (102) FOUR	RPLEX				
		(Na	ame of Faci	lity)		<u>. </u>	
	Thi	s permit hereby a	uthorizes	the applica	ant:		
		KLEIN	RUSSELL		C		
		(Last)	- Kobbilio	(First		(Middle)	
•		P.O. BOX 2021	٠	· •			
		1.0. BON 2021	(St	reet or P.C	Box)	-	_
ē		ROCK SPRINGS	WYOM	ING	82301		
		(City)		(County)	·	(State)	
÷0.00	onstruct in	stall, or modify	SEPTIC	TANK-LEACH	FIELD		÷
		in SEC. 4	<u> </u>	R105W			-
iaci	irty located	. 111		egal Descri	ption)		
in +1	a County of	SWEETWATER				in the Ctate of	` -
						in the State of	•
		ermit shall be ef	*				'S
1 1'0111	the date of	issuance of this	permit no	to exceed	1 TIVE (5)	years.	SIGN
∧13 7110	אסגקרה הע.		***		•	E. E.	3
AUTHU -	RIZED BY:	_			_ ,	NO REGION 285	\ i
10) nO . ~) 7	Lobers	Ehur		/ *
		istrator ity Division	<u>~~</u>	Wyomana D-	Direct		
•	waren Angi	ILY DIVUSION	•	wyoming De	pt. OT EN	vironmental Qual	ıty
	APRIL 30,	1979			/		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

Date of Issuance

Book Picked up 4-30-79

PERMIT TO CONSTRUCT

/ <u>·</u> /	New			
//	Renewal		Permit No	79-197
/ <u>X</u> /	Modified			
		Provence Addition		
		(Name	of Facility)	+
		This permit hereby aut	thorizes the appli	cant:
		Casper Board of	Public Utilities	
		(Last)	(First)	(Middle)
		200 North David		
			(Street or P.O.	Box)
		Casper	Natrona	Wyoming 82601
		(City)	(County)	(State)
to c	onstruct, ins	stall, or modify a <u>mun</u>	icipal distributi	on & collection system
		in Sec. 2, T.33N.,		_
raci	·		(Legal Descripti	on)
in t	he County of	Natrona		, in the State of
Wyom	ing. This pe	ermit shall be effectiv	ve for a period of	two years
from	the date of	issuance of this permi	it not to exceed f	ive (5) years (at F
		issuance of onto parm.	in the particular in	182 (8)
AUTH	ORIZED BY:			ROS SOL
	^			285
000	in 2	(1)-00	Lover 6	Lundin HIE OF WYOM!
		istrator	7	Director
	Water Qual	ity D ivision	Wyoming Dept.	of Environmental Quality
	April 30	- 1070		
		Issuance		

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit $\underline{\text{does not}}$ supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

//	New		Permit No			
//	Renewal			Ref. No.	78-254 75-24	_
/ <u>X</u> /	Modified			÷		
	<u>h</u>	Vestwood Mobile Home		· · · · · · · · · · · · · · · · · · ·		
			of Facility)			
	This	permit hereby author	orizes the applica	nt:		
	·	William F. Werk	ele			
		(Last)	(First)	(Middle)	_
		4732 Greybull				
		4732 Greybull	(Street or P.O	. Box)		_
	•			-		
•		Cheyenne,	· · · · · · · · · · · · · · · · · · ·		WY 82001	_
		(City)	(County)		(State)	
faci	lity located i	0 5 7044 0	 	-		
			(Legal Descrip	otion)	- 	
in t	he County of _	Goshen		,	in the State of	
Wyom	ing. This per	mit shall be effect	ive for a period o	of two	(2) years	
from	the date of i	ssuance of this per	mit not to exceed	five (5)	vears.	
		•		()	years. PROFESS. NO. 285	ONZ
AHTU	ORIZED BY:	PROFESS/			Sig 8 NO	3
AU118	UNIZED DI.				₩ X	<u> </u>
			1.01	A	285 /بر)	
00	m: P(Ele	4 285	MING
رَا	Olama Adminis	VILLIAM L. GAR	LAND Bobers	Direct	or OF WYO	WING
را	Olauna Adminis Water Qualit	VILLIAM L. GAR	LAND Wyoming Der		orden OF WYO	WING
فع	Olauna Adminis Water Qualit June 27,	VILLIAM L. GAR trator P.E. # 147 y Division	LAND Wyoming Der		or OF WYO	WING

[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

St.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
State Office Building
Cheyenne, Wyoming 82002

PROJECT: Westwood #2 Well, Westwood Mobile Home Court, Goshen Co.

ARCHITECT OR ENGINEER:

Dallas B. Saxton, 5604 Powderhouse Rd.

Cheyenne, WY 82001

WATER QUALITY DIVISION-REFERENCE NUMBER 79-1981

REVIEWING ENGINEER: ROBERT H. Pinther, P.E., M.S.

DATE OF REVIEW: May 18, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Show the location of the well and water lines in respect to all sources of contamination such as septic tanks, sewer lines, drain fields, streams or lakes, etc.

- 2. The well shall have a minimum of a four (4) inch concrete slab with a radius of two (2) feet around the casing. The top of the slab should be at least four (4) inches above normal ground level.
- 3. The ground surface around the well shall slope away from the well for a distance of at least 50 feet in all directions.
- 4. Prior to going into service, the well and piping system shall be flushed and disinfected by contact for at least 24 hours with a water solution containing a residual chlorine level of at least 50 parts per million available chlorine.

Beek 71: 3 3-77

	New		Permit No	79-199	
//	Renewal	•		•	
//	Modified				
		Downing Reed Third	Addition San. Ser Facility)	wer	_ .
	Inis	permit hereby author	izes the applicar	it:	
		Town of Torrington			r
		(Last)	(First)	,	(Middle)
-			•	,	
		P.O. Box 250	(Street or P.O.	Box)	
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	•	Torrington,	Goshen,		Wyoming 82240
		(City)	(County)	~	(State)
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[&]quot;The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

cc: C.K. Wolz 933 W. 14th St. Casper, WY 82601

PERMIT TO CONSTRUCT

/ <u>X</u> /	New	•	Permit No	79-200R			
//	Renewa]	·					
/	Modified						
	H	ughes Trailer Court	•				
	• •	(Name o	f Facility)				
	Thi	s permit hereby autho	rizes the applic	cant:	-		
		Hughes,	⁻Don			·	,
		(Last)	(Firs	it)	(Midd	le)	
		218 S. 4th					
		<u>.</u>	(Street or P.	0. Box)			
		Glenrock,	Convers	e,	WY 826	537	
		(City)	(County)		(Sta	ite)	
	•	in Sec. 33, T33	•				
in t!	he County of	Converse		,	in the Sta	ite of	
Wyom [.]	ing. This pe	ermit shall be effect	ive for a period				
from	the date of	issuance of this perm	miţ not to excee	d five (5)	years.	ROFES 310A	1
AUTHO	ORIZED BY:	PROFESS/O	ALT CHO		(1)	years ROFESSION ROFESSION RO. 285	/ 121
لف	Admini Water Quali	Strator + P.E. # 1479 ty División 1. 1979	15 Laver	Directi ept. of Env	or	OF WYOM	
	July 24	, 1979					
	Date of	Issuance				-	

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or opertional requirements."

n-7-27-79

Bak 30-19

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY WATER QUALITY DIVISION State Office Building Cheyenne, Wyoming 82002

PROJECT: Hughes Trailer Court Sewerage System, Arrowhead Park Subdivision,

Converse Co.

ARCHITECT OR ENGINEER: Wolz & Associates, 933 W. 14th St., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-200

REVIEWING ENGINEER: Robert H. Pinther, P.E., M.S.

DATE OF REVIEW: May 25, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Protect the sewer service risers with a concrete slab at the ground surface at least 4 inches thick and 12 inches in diameter.

- 2. Specify a minimum 5 foot horizontal separation between water and sewer service risers.
- 3. How many water services are connected to the water distribution system?
- 4. Submit details of sewer manhole.
- 5. Specify that all electrical materials and construction shall be in compliance with the National Electrical Code, latest edition.
- 6. What is the capacity of the sump pump when operating against the expected head?
- 7. Specify that the maximum infiltration or exfiltration of the sewer lines shall be 200 gallons per inch of pipe diameter per mile per day.
- 8. Specify that the vertical deflection of any sewer pipe due to ovalation shall not exceed 5% of the internal diameter of the pipe.
- 9. Show location of the well water distribution lines in respect to septic tank, sewers, the drainfield and other sources of contamination.
- 10. What are bedding requirements and slopes for sewer lines?